

IN THE CLAIMS

1-30. (cancelled)

31. (currently amended) A receiving apparatus of a digital broadcasting for receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed, comprising:

a decoder for decoding said received digital broadcasting signal;

a digital interface for receiving ~~the~~ a transport stream from an external reproducing apparatus having both analog and digital recording and reproducing modes; and

a display processing circuit for displaying control panel information for allowing station selection and recording and reproduction control of ~~associated with a~~ program recorded on a recording medium loaded in said external reproducing apparatus by a predetermined format,

~~wherein in the case where the program is reproduced in said reproducing apparatus via said digital interface, said display processing circuit performs a display process so as to display a message showing that a recording mode of the program recorded on the recording medium loaded in said reproducing apparatus indicates a digital recording.~~

wherein when said external recording apparatus is in the analog reproducing mode, said display processing circuit prevents the display of the received digital broadcasting signal to the user and when said external recording apparatus is in the analog recording mode, said display processing circuit prevents the display of the received digital broadcasting signal only during the displaying of said control panel information.

32. (currently amended) An apparatus according to claim 31, wherein an alarm message is displayed to the user when said display processing circuit prevents the display of the received digital broadcasting signal to the user ~~said information associated with said program includes at least one of a channel number of the program, a program name, a genre, a date of the recording, and a recording time.~~

33. (currently amended) An apparatus according to claim ~~31~~32, wherein said alarm messages indicates that said external recording apparatus is under analog reproduction and that the digital broadcasting signal cannot be displayed ~~information associated with said program includes recording position information of the program on the recording medium.~~

34. (currently amended) An apparatus according to claim 31, wherein the analog recording mode includes a stop mode, a recording pause mode and record mode ~~said information associated with said program is overlapped to a reproduction signal from said reproducing apparatus and displayed.~~

35. (currently amended) A display method of recording program associated information in a receiving apparatus of a digital broadcasting, comprising:

receiving in the receiving apparatus a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed;

decoding in the receiving apparatus said received digital broadcasting signal;

receiving in the receiving apparatus a transport stream from an external reproducing apparatus through a digital interface, the external reproducing apparatus having both analog and digital reproducing modes; and

displaying an alarm message during a recording mode of the external reproducing apparatus showing that a recording mode of a program recorded on a recording medium loaded in said the external reproducing apparatus indicates an analog recording or a digital recording.

36. (currently amended) A method according to claim 35, wherein said alarm message indicates that a new station cannot be selected by the user during digital recording by the external reproducing apparatus ~~information associated with said program includes at least one of a channel number of the program, a program name, a genre, a date of the recording, and a recording time.~~

37. (currently amended) A method according to claim 35, wherein said alarm message indicates that a new station cannot be selected by the user during an analog recording mode by the external reproducing apparatus and during display of a control panel allowing a user to select a new station ~~information associated with said program includes recording position information of the program on the recording medium.~~

38. (currently amended) A method according to claim ~~35~~37, wherein the analog recording mode is one of a stop mode, a recording pause mode and record mode ~~said information associated with said program is overlapped to a reproduction signal from said reproducing apparatus and displayed.~~

39. (previously presented) A method according to claim 35, wherein said information associated with said program includes information of the recording mode of said recorded program.

40. (previously presented) An apparatus according to claim 31, wherein said information associated with said program

includes information of the recording mode of said recorded program.

41. (currently amended) A receiving apparatus of a digital broadcasting for receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed, comprising:

a decoder for decoding said received digital broadcasting signal;

a digital interface for receiving ~~the~~ a transport stream from an external reproducing apparatus having both analog and digital recording and reproducing modes; and

a display processing circuit for displaying control panel information for allowing station selection and recording and reproduction control of ~~associated with a~~ program recorded on a recording medium loaded in said external reproducing apparatus by a predetermined format,

~~wherein in the case where the program is reproduced in said reproducing apparatus via an analog input/output, said display processing circuit performs a display process so as to display a message showing that a recording mode of the program recorded on the recording medium loaded in said reproducing apparatus indicates an analog recording.~~

wherein when said external recording apparatus is in the analog recording mode, said display processing circuit prevents the display of the received digital broadcasting signal only during the displaying of said control panel information.

42. (currently amended) An apparatus according to claim 41, wherein an alarm message is displayed to the user when said display processing circuit prevents the display of the received digital broadcasting signal to the user~~when the user selects a digital input/output, said display processing circuit performs a display process so as to display an alarm.~~

43. (currently amended) An apparatus according to claim ~~41~~42, wherein said alarm messages indicates that said external recording apparatus is under analog reproduction and that the digital broadcasting signal cannot be displayed~~information associated with said program includes at least one of a channel number of the program, a program name, a genre, a date of the recording, and a recording time.~~

44. (currently amended) An apparatus according to claim 41, wherein the analog recording mode includes a stop mode, a recording pause mode and record modes~~said information associated with said program includes recording position information of the program on the recording medium.~~

45. (previously presented) An apparatus according to claim 41, wherein said information associated with said program is overlapped to a reproduction signal from said reproducing apparatus and displayed.

46. (previously presented) An apparatus according to claim 41, wherein said information associated with said program includes information of the recording mode of said recorded program.

47-51. (cancelled)

52. (currently amended) A receiving apparatus of a digital broadcasting for receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed, comprising:

a decoder for decoding said received digital broadcasting signal;

a digital interface for receiving the transport stream from an external reproducing apparatus;

a CPU programmed for retrieving information associated with a program recorded on a recording medium loaded in said reproducing apparatus from a memory in said reproducing apparatus; and

a display processing circuit for displaying the information associated with the program recorded on the recording medium loaded in said reproducing apparatus by a predetermined format,

wherein in the case where a digital signal reproduced by said reproducing apparatus and received through said digital interface is not able to be decoded in said decoder, said display processing circuit performs a display process so as to display a message showing that the program recorded on the recording medium loaded in said reproducing apparatus ~~indicates~~ is recorded in a recording mode in which said digital signal cannot be decoded by said receiving apparatus of said digital broadcasting.

53. (currently amended) A receiving apparatus of a digital broadcasting for receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed, comprising:

a decoder for decoding said received digital broadcasting signal;

a digital interface for receiving the transport stream from an external reproducing apparatus, the external reproducing apparatus having both analog and digital reproducing modes; and

a display processing circuit for displaying an alarm message during a recording mode of the external reproducing apparatus showing that the recording mode of the program recorded on the recording medium loaded in said external reproducing apparatus indicates an analog recording or a digital recording.

54. (currently amended) An apparatus according to claim 53, wherein said alarm message indicates that a new station cannot be selected by the user during digital recording by the external reproducing apparatus~~information associated with said program includes at least one of a channel number of the program, a program name, a genre, a date of the recording, and a recording time.~~

55. (currently amended) An apparatus according to claim 53, wherein said alarm message indicates that a new station cannot be selected by the user during an analog recording mode by the external reproducing apparatus and during display of a control panel allowing a user to select a new station~~information associated with said program includes recording position information of the program on the recording medium.~~

56. (currently amended) An apparatus according to claim ~~53~~55, wherein the analog recording mode is one of a stop mode, a recording pause mode and record mode~~said information associated with said program is overlapped to a reproduction signal from said reproducing apparatus and displayed.~~

57. (previously presented) An apparatus according to claim 53, wherein said information associated with said program includes information of the recording mode of said recorded program.

58. (currently amended) A receiving apparatus of a digital broadcasting for receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed, comprising:

a decoder for decoding said received digital broadcasting signal;

a digital interface for receiving ~~the~~ a transport stream from a reproducing apparatus; and

a display processing circuit for displaying information associated with a program recorded in a predetermined compression format on a recording medium loaded in said reproducing apparatus,

wherein in the case where the digital signal reproduced by said reproducing apparatus and received through said digital interface is not able to be decoded in said decoder, said display processing circuit performs a display process so as to display a message showing that the program recorded on the recording medium loaded in said reproducing apparatus is recorded in a compression mode in which said digital signal cannot be decoded by said receiving apparatus.

59. (previously presented) An apparatus according to claim 58, wherein said information associated with said program includes at least one of a channel number of the program, a program name, a genre, a date of the recording, and a recording time.

60. (previously presented) An apparatus according to claim 58, wherein said information associated with said program includes recording position information of the program on the recording medium.

61. (previously presented) An apparatus according to claim 58, wherein said information associated with said program is overlapped to a reproduction signal from said reproducing apparatus and displayed.

62. (previously presented) An apparatus according to claim 58, wherein said information associated with said program

includes information of a recording mode of said recorded program.

63. (currently amended) A receiving apparatus of a digital broadcasting for receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed, comprising:

a decoder for decoding said received digital broadcasting signal;

a digital interface for receiving the transport stream from an external reproducing apparatus; and

a display processing circuit for displaying information associated with a program recorded in a predetermined transport stream format on a recording medium loaded in said reproducing apparatus,

wherein in the case where the digital signal reproduced by said reproducing apparatus and received through said digital interface is not able to be decoded in said decoder, said display processing circuit performs a display process so as to display a message indicating that the program recorded on the recording medium loaded in said reproducing apparatus is recorded in a format wherein said digital signal cannot be decoded by said receiving apparatus.

64. (previously presented) An apparatus according to claim 63, wherein said information associated with said program includes at least one of a channel number of the program, a program name, a genre, a date of the recording, and a recording time.

65. (previously presented) An apparatus according to claim 63, wherein said information associated with said program includes recording position information of the program on the recording medium.

66. (previously presented) An apparatus according to claim 63, wherein said information associated with said program is overlapped to a reproduction signal from said reproducing apparatus and displayed.

67. (previously presented) An apparatus according to claim 63, wherein said information associated with said program includes information of a recording mode of said recorded program.

68. (currently amended) A display method of recording program associated information in a receiving apparatus of a digital broadcasting, comprising:

receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed;

decoding said received digital broadcasting signal;

receiving ~~the~~ a transport stream from an external reproducing apparatus through a digital interface and having both analog and digital recording and reproducing modes; and

displaying control panel information for allowing station selection and recording and reproduction control of associated ~~with a~~ program recorded on a recording medium loaded in said external reproducing apparatus by a predetermined format,

~~wherein in said displaying information, when the program is reproduced in said reproducing apparatus through said digital interface, a display process is performed so as to display a message showing that a recording mode of the program recorded on the recording medium loaded in said reproducing apparatus indicates a digital recording~~

wherein when said external recording apparatus is in the analog reproducing mode, the display of the received digital

broadcasting signal to the user is prevented and when said external recording apparatus is in the analog recording mode, the display of the received digital broadcasting signal is prevented only during the displaying of said control panel information.

69. (currently amended) A display method of recording program associated information in a receiving apparatus of a digital broadcasting, comprising:

receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed;

decoding said received digital broadcasting signal;

receiving ~~the~~ a transport stream from an external reproducing apparatus having both analog and digital recording and reproducing modes through a digital interface; and

displaying control panel information for allowing station selection and recording and reproduction control of associated with a program recorded on a recording medium loaded in said external reproducing apparatus by a predetermined format,

~~wherein in said displaying information, when the program is reproduced in said reproducing apparatus through an analog input/output, a display process is performed so as to display a message showing that a recording mode of the program recorded on the recording medium loaded in said reproducing apparatus indicates an analog recording~~

wherein when said external recording apparatus is in the analog recording mode, the display of the received digital broadcasting signal is prevented only during the displaying of said control panel information.

70. (currently amended) A method according to claim 69, wherein an alarm message is displayed to the user when the display of the received digital broadcasting signal to the user

~~is prevented in said displaying information, when the user selects a digital input/output, a display process is performed so as to display an alarm.~~

71. (cancelled)

72. (currently amended) A display method of recording program associated information in a receiving apparatus of a digital broadcasting, comprising:

receiving a digital broadcasting signal constructed by a transport stream in which video data and audio data have been compressed and multiplexed;

decoding said received digital broadcasting signal;

receiving the transport stream from an external reproducing apparatus through a digital interface;

reading out information associated with a program recorded on a recording medium loaded in said reproducing apparatus from a memory in said reproducing apparatus; and

displaying the information associated with the program recorded on the recording medium loaded in said reproducing apparatus by a predetermined format,

wherein in said displaying the information, when a digital signal reproduced in said reproducing apparatus and received through a digital interface is not able to be decoded in said decoding step, a display process is performed so as to display a message showing that the program recorded on the recording medium loaded in said reproducing apparatus indicates the recording mode in which the digital signal cannot be decoded.